

## WHAT IS CLAIMED IS:

1. A method for increasing the level of endogenous growth hormone in a mammal in need thereof, comprising administering a dipeptidyl peptidase IV inhibitor, or a pharmaceutically acceptable salt thereof, and a growth hormone secretagogue, or a pharmaceutically acceptable salt thereof, wherein the level of endogenous growth hormone in the mammal is greater than the level resulting from an equivalent dose of the growth hormone secretagogue alone.  
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2. The method of Claim 1 wherein the mammal is selected from the group consisting of humans, horses, cattle, dogs, cats, rats, mice, pigs, goats, sheep, rabbits and monkeys.  
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3. The method of Claim 2 wherein the mammal is a human.  
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4. The method of Claim 3 wherein the human is an elderly human.  
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5. A method for elevating the plasma concentration of growth hormone in a mammal in need thereof by administering a dipeptidyl peptidase IV inhibitor, or a pharmaceutically acceptable salt thereof, and a growth hormone secretagogue, or a pharmaceutically acceptable salt thereof.  
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6. A method for the treatment, control, amelioration, or reduction of risk of a disease or disorder associated with growth hormone deficiency in a mammal in need thereof by administering a dipeptidyl peptidase IV inhibitor, or a pharmaceutically acceptable salt thereof, and a growth hormone secretagogue, or a pharmaceutically acceptable salt thereof.  
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7. The method of Claim 6 wherein the disease or disorder is growth retardation associated with growth hormone deficiency.  
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8. The method of Claim 7 wherein the disease or disorder is a metabolic disorder associated with growth hormone deficiency.

9. The method of Claim 8 wherein disease or disorder is an injury, trauma, burn, a wound in need of healing, or a patient recovering from surgery.
10. A pharmaceutical composition comprising a dipeptidyl peptidase IV inhibitor, or a pharmaceutically acceptable salt thereof, and a growth hormone secretagogue, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier.